Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 11 Apr 2021 until 23:59 on Monday 12 Apr 2021

Forecast Issued on Sunday 11 Apr 2021 at 03:38

Confidence: High for a continuation of the cold and wintry weather conditions on Sunday but low to moderate for extent of showers and snow, especially Sunday afternoon and evening. Relatively high confidence for a period of more settled during next week.

Headline for Sunday 11 Apr 2021: Cold and bright at first with heavy wintry showers developing late morning and continuing through the afternoon and evening.

Mountain weather hazards on Sunday 11 Apr 2021

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Cloudy	Light snow	Heavy snow	Light snow	Partly cloudy (night)
Precipitation probability					
10%	10%	60%	70%	50%	30%

Forecast for Sunday 11 Apr 2021

Weather: A cold and frosty start with icy patches. A mainly fine morning with spells of sunshine helping to melt frost and ice. Showers developing from late morning with an increasing risk of heavy showers during the afternoon. These are likely to be a mixture of rain, sleet and snow with some heavy bursts likely, especially at elevation, although any snow accumulations are likely to be temporary and limited to vegetation. Through the evening showers may become more frequent giving some more persistent bursts of sleet and snow before these steadily ease towards midnight.

Chance of cloud free mountain/hill tops above 600m: 80% overnight and during the morning, decreasing to 60% through the afternoon. Decreasing further through the early evening to 20% as showers become more frequent

Visibility: Excellent outside of precipitation with far reaching hills clearly visible. But falling rapidly in showers to just a few hundred metres in snow or 1-5km in sleet or rain. Show showers will make even nearby ridges or vegetation become obscured. Bases in the snow showers may fall to 400-500m through the afternoon, then falling to 300-500m in any evening showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 11 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/12 NE	10/15 N	11/16 NW	10/15 NW	7/11 NW	5/9 N	5/8 NW
300	7/14 N	7/13 N	7/13 NW	11/18 NW	6/12 NW	5/10 NW	4/8 NW
Valley	2/6 NE	5/11 N	9/15 N	7/13 NW	6/12 NW	3/6 N	2/5 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-1/-6	0/-4	0/-4	-1/-5	-3/-6	-4/-7
300	-2/-6	3/-0	4/1	2/-2	2/-2	-2/-4	-3/-5
Valley	-3/-5	4/2	5/2	3/1	2/-1	-0/-2	-2/-4
Freezing Level*	00m	200m	200m	200m	200m	100m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold for the time of year, especially in snow showers despite fairly light winds. Note that in between showers, the sunshine will still be strong.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 11 Apr 2021	0mm	0mm	5.8mm

Forecast for Monday 12 Apr 2021

Weather: Wintry showers fading during the early hours with most places becoming dry and clear with a widespread frost and risk of ice. A few mist and fog patches may develop through the early hours with some slight accumulations of snow possible on vegetation which could freeze. Most places will have a fine day with long period of sunshine. A little fair weather cloud may develop through the day but it should stay dry.

Maximum wind: 10-15mph from the northwest.

Chance of cloud free mountain/hill tops above 600m: Generally 90% or greater.

Visibility: Excellent with far reaching hills clearly visible.

Temperature: **Valleys:** Minus 3 Celsius, rising to plus 7 Celsius.
At 600m: Minus 1 Celsius, rising to plus 1 Celsius.
Freezing level: Surface, rising to 600m during the day, but lowering again to surface overnight.

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